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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0609.5050005/JAG/KRM/FRCAPPLICATION NO.  
TECH CENTER 1600/2900APPLICANT  
Chiocca et al.FILING DATE  
01/04/2002GROUP  
1633

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
JLY	AA1	5,275,942	01/04/1994	Vos	435	172.3	12/16/1991
JLY	AB1	5,601,818	02/11/1997	Freeman et al.	424	93.21	12/08/1994
JLY	AC1	5,631,236	05/20/1997	Woo et al.	514	44	08/26/1993
JLY	AD1	5,670,488	09/23/1997	Gregory et al.	514	44	10/13/1993
JLY	AE1	5,688,773	11/18/1997	Chiocca et al.	514	44	10/28/1994
JLY	AF1	5,691,177	11/25/1997	Guber et al.	435	172.3	06/05/1995
JLY	AG1	5,695,967	12/09/1997	Van Bokkelen et al.	435	91.1	06/07/1995
JLY	AH1	5,741,486	04/21/1998	Pathak et al.	424	93.21	06/06/1995
JLY	AI1	5,756,283	05/26/1998	Wilson et al.	435	5	06/05/1995
JLY	AJ1	5,763,217	06/09/1998	Cynader et al.	435	69.1	10/11/1995
JLY	AK1	5,763,242	06/09/1998	Zhang et al.	435	172.3	02/08/1995

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
JLY	AL1	WO 93/12233	06/24/1993	WIPO			Yes No
	AM1	WO 95/06486	03/09/1995	WIPO			Yes No
	AN1	WO 97/05263	02/13/1997	WIPO			Yes No
	AO1	WO 99/06582	02/11/1999	WIPO			Yes No X
JLY	AP1	WO 00/12693	03/09/2000	WIPO			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

JLY	AR	1	Aboudy-Guterman, K.S., et al., "Green fluorescent protein as a reporter for retrovirus and helper virus-free HSV-1 amplicon vector-mediated gene transfer into neural cells in culture and in vivo," Neuroreport 8:3801-3808, Rapid Science Publishers (1997).
JLY	AS	1	Altshuler, D., et al., "Guilt by association," Nat. Genet. 26:135-137, Nature Publishing Co. (October 2000).
JLY	AT	1	Antoch, M.P., et al., "Functional Identification of the Mouse Circadian Clock Gene by Transgenic BAC Rescue," Cell 89:655-667, Cell Press (1997).

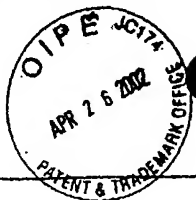
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Sara L. Harney

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APPLICATION NO.  
10/035,216APPLICANT  
Chiocca et al.FILING DATE  
01/04/2002GROUP  
1633

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>BLH</i>	AA2	5,851,808	12/22/1998	Elledge et al.	435	172.3	02/28/1997
<i>BLH</i>	AB2	5,869,294	02/09/1999	Harrington et al.	435	91.1	09/20/1996
<i>BLH</i>	AC2	5,888,732	03/30/1999	Hartley et al.	435	6	06/07/1996
<i>BLH</i>	AD2	6,143,557	11/07/2000	Hartley et al.	435	320.1	01/20/1999
<i>BLH</i>	AE2	6,143,566	11/07/2000	Heintz et al.	435	463	06/23/1997
<i>BLH</i>	AF2	6,171,861	01/09/2001	Hartley et al.	435	455	01/12/1998
<i>BLH</i>	AG2	6,270,969	08/07/2001	Hartley et al.	435	6	01/20/1999
<i>BLH</i>	AH2	6,277,608	08/21/2001	Hartley et al.	435	91.4	04/22/1999
<i>BLH</i>	AI2	6,277,621	08/21/2001	Horsburgh et al.	435	235.1	02/26/1998
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
<i>BLH</i>	AL2	WO 00/28016	05/18/2000	WIPO			Yes No
	AM2	WO 00/29000	05/25/2000	WIPO			Yes No
	AN2	WO 00/34497	06/15/2000	WIPO			Yes No
	AO2	WO 00/52027	09/08/2000	WIPO			Yes No
<i>BLH</i>	AP2	WO 01/31039	05/03/2001	WIPO			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>BLH</i>	AR	2	Banerjee, S., et al., "Therapeutic gene delivery in human B-lymphoblastoid cells by engineered non-transforming infectious Epstein-Barr virus," Nat. Med. 1:1303-1308, Nature Publishing Co. (1995).
<i>BLH</i>	AS	2	Bilbao, G., et al., "Adenoviral/retroviral vector chimeras: a novel strategy to achieve high-efficiency stable transduction in vivo," FASEB J. 11:624-634, Federation of American Societies for Experimental Biology (1997).
<i>BLH</i>	AT	2	Blackwood, E.M. and Kadonaga, J.T., "Going the Distance: A Current View of Enhancer Action," Science 281:60-63, American Association for the Advancement of Science (1998).

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.5050005/JAG/KRM/FRC	APPLICATION NO. 10/035,216
	APPLICANT Chiocca et al.	
	FILING DATE 01/04/2002	GROUP 1633

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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BLH	AL3	WO 01/42509	06/14/2001	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BLH	AR	3	Bobo, R.H., et al., "Convection-enhanced delivery of macromolecules in the brain," Proc. Natl. Acad. Sci. 91:2076-2080, National Academy of Sciences (1994).
BLH	AS	3	Breakfield, X.O., et al., "4. Herpes Simplex Virus Vectors for Tumor Therapy," in: The Internet Book of Gene Therapy: Cancer Therapeutics, Sobol, R.E. and Scanlon, K.J., eds., Appleton and Lange, Stamford, Connecticut, pp. 41-56 (1995).
BLH	AT	3	Brune, W., et al., "Forward with BACs new tools for herpesvirus genomics," Trends Genet. 16:254-259, Elsevier Trends Journals (June 2000).

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	4	Caskey, C.T. and Kruh, G.D., "The HPRT Locus," Cell 16:1-9, Massachusetts Institute of Technology (1979).
	AS	4	Chase, M., et al., "An oncolytic viral mutant that delivers the CYP2B1 transgene and augments cyclophosphamide chemotherapy," Nat. Biotechnol. 16:444-448, Nature Publishing Co. (1998).
	AT	4	Compton, S.H., et al., "Stable integration of large (> 100kb) PAC constructs in HaCaT keratinocytes using an integrin-targeting peptide delivery system," Gene Ther. 7:1600-1605, Macmillan Publishers Ltd. (September 2000).

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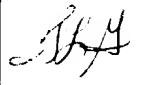
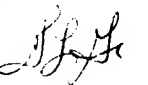
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	5	Cunningham, C. and Davidson, A.J., "A Cosmid-Based System for Constructing Mutants of Herpes Simplex Virus Type 1," Virology 197:116-124, Academic Press, Inc. (1993).
	AS	5	Davidson, B.L., et al., "Identification of 17 Independent Mutations Responsible for Human Hypoxanthine-Guanine Phosphoribosyltransferase (HPRT) Deficiency," Am. J. Hum. Genet. 48:951-958, University of Chicago Press (1991).
	AT	5	Davidson, B.L., et al., "A model system for in vivo gene transfer into the central nervous system using an adenoviral vector," Nat. Genet. 3:219-223, Nature Publishing Co. (1993).

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Tara L. Harnley

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>SLY</i>	AR	6	Delecluse, H.-J., et al., "Propagation and recovery of intact, infectious Epstein-Barr virus from prokaryotic to human cells," <i>Proc. Natl. Acad. Sci. USA</i> 95:8245-8250, National Academy of Sciences (1998).
<i>SLY</i>	AS	6	Dornburg, R., "Reticuloendotheliosis viruses and derived vectors," <i>Gene. Ther.</i> 2:301-310, Stockton Press (1995).
<i>SLY</i>	AT	6	During, M.J., et al., "Long-Term Behavioral Recovery in Parkinsonian Rats by an HSV Vector Expressing Tyrosine Hydroxylase," <i>Science</i> 266:1399-1403, American Association for the Advancement of Science (1994).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>LLH</i>	AR	2	Evans, G.A., et al., "High efficiency vectors for cosmid microcloning and genomic analysis," Gene 79:9-20, Elsevier Science B.V. (1989).
<i>LLH</i>	AS	2	Feng, M., et al., "Stable in vivo gene transduction via a novel adenoviral/retroviral chimeric vector," Nat. Biotechnol. 15:866-870, Nature Publishing Co. (1997).
<i>LLH</i>	AT	2	Flotte, T.R. and Carter, B.J., "Adeno-associated virus vectors for gene therapy," Gene Ther. 2:357-362, Stockton Press (1995).

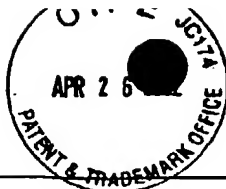
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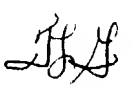


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	AR	8	Fraefel, C., et al., "Helper Virus-Free Transfer of Herpes Simplex Virus Type 1 Plasmid Vectors into Neural Cells," J. Virol. 70:7190-7197, American Society for Microbiology (1996).
	AS	8	Fraefel, C., et al., "Gene Transfer into Hepatocytes Mediated by Helper Virus-Free HSV/AAV Hybrid Vectors," Mol. Med. 3:813-825, Springer (1997).
	AT	8	Fraefel, C., et al., "4. HSV-1 Amplicon," in: Gene Therapy for Neurological Disorders and Brain Tumors, Chiocca, E.A. and Breakefield, X.O., eds., Humana Press, Totowa, New Jersey, pp. 63-82 (1998).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Gardella, T., et al., "Detection of Circular and Linear Herpesvirus DNA Molecules in Mammalian Cells by Gel Electrophoresis," J. Virol. 50:248-254, American Society for Microbiology (1984).
	AS	2	Geller, A.I. and Breakefield, X.O., "A Defective HSV-1 Vector Expresses Escherichia coli $\beta$ -Galactosidase in Cultured Peripheral Neurons," Science 241:1667-1669, American Association for the Advancement of Science (1988).
	AT	2	Geller, A.I., et al., "An efficient deletion mutant packaging system for defective herpes simplex virus vectors: Potential applications to human gene therapy and neuronal physiology," Proc. Natl. Acad. Sci. USA 87:8950-8954, National Academy of Sciences (1990).

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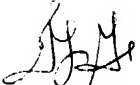

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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	10	Glorioso, J.C., et al., "Chapter 1. Herpes Simplex Virus as a Gene-Delivery Vector for the Central Nervous System," in: <i>Viral Vectors: Gene Therapy and Neuroscience Applications</i> , Kaplitt, M.G. and Loewy, A.D., eds. Academic Press, Inc., New York, New York, pp. 1-23, (1995).
	AS	10	Hammerschmidt, W. and Sugden, B., "Identification and Characterization of oriLyt, a Lytic Origin of DNA Replication of Epstein-Barr Virus," <i>Cell</i> 55:427-433, Cell Press (1988).
	AT	10	Hammerschmidt, W. and Sugden, B., "Genetic analysis of immortalizing functions of Epstein-Barr virus in human B lymphocytes" <i>Nature</i> 340:393-397, Macmillan Journals Ltd. (1989).

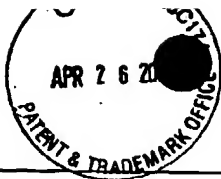
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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	11	Harrington, J.J., et al., "Formation of de novo centromeres and construction of first-generation human artificial microchromosomes," Nat. Genet. 15:345-355, Nature Publishing Co. (1997).
	AS	11	Heise, C., et al., "ONYX-015, an E1B gene-attenuated adenovirus, causes tumor-specific cytolysis and antitumoral efficacy that can be augmented by standard chemotherapeutic agents," Nat. Med. 3:639-645, Nature Publishing Co. (1997).
	AT	11	Hooper, M., et al., "HPRT-deficient (Lesch-Nyhan) mouse embryos derived from germline colonization by cultured cells," Nature 326:292-295, Macmillan Journals Ltd. (1987).

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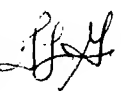
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FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>	ATTY. DOCKET NO. 0609.5050005/JAG/KRM/FRC	APPLICATION NO. 10/035,216
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	12	Horikawa, Y., et al., "Genetic variation in the gene encoding calpain-10 is associated with type 2 diabetes mellitus," <i>Nat. Genet.</i> 26:163-175 Nature Publishing Co. (October 2000).
	AS	12	Horsburgh, B.C., et al., "Allele replacement: an application that permits rapid manipulation of herpes simplex virus type 1 genomes," <i>Gene Ther.</i> 6:922-930, Stockton Press (1999).
	AT	12	Huschtscha, L.I. and Holliday, R., "Limited and Unlimited Growth of SV40-Transformed Cells from Human Diploid MRC-5 Fibroblasts," <i>J. Cell. Sci.</i> 63:77-99, The Company of Biologists Limited (1983).

EXAMINER <i>Sara L. Harney</i>	DATE CONSIDERED <i>8/24/04</i>
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FORM PTO-1449

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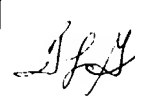

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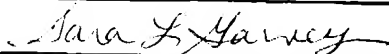
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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	13	Ioannou, P.A., et al., "A new bacteriophage P1-derived vector for the propagation of large human DNA fragments," Nat. Genet. 6:84-89 Nature Publishing Co. (1994).
	AS	13	Jacoby, D.R., et al., "Hybrid vectors: a new generation of virus-based vectors designed to control the cellular fate of delivered genes," Gene Ther. 4:1281-1283, Stockton Press (1997).
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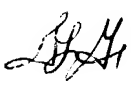

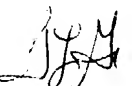
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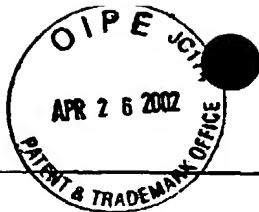
	AR	14	Kaplitt, M.G., et al., "Long-term gene expression and phenotypic correction using adeno-associated virus vectors in the mammalian brain," <i>Nat. Genet.</i> 8:148-154, Nature Publishing Co. (1994).
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	AR	15	Kim, S.Y., et al., "Modification of Bacterial Artificial Chromosome Clones Using Cre Recombinase: Introduction of Selectable Markers for Expression in Eukaryotic Cells," <i>Genome Res.</i> 8:404-412, Cold Spring Harbor Laboratory Press (1998).
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	AR	16	Le Gal La Salle, G., et al., "An Adenovirus Vector for Gene Transfer into Neurons and Glia in the Brain," <i>Science</i> 259:988-990, American Association for the Advancement of Science (1993).
	AS	16	Li, Q., et al., "Locus control regions coming of age at a decade plus," <i>Trends Genet.</i> 15:403-408, Elsevier Science Ltd. (1999).
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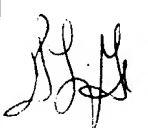
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	AR	17	Logvinoff, C. and Epstein, A.L., "Genetic Engineering of Herpes Simplex Virus and Vector and Vector Genomes Carrying loxP Sites in Cells Expressing Cre Recombinase," Virology 267:102-110, Academic Press, Inc. (February 2000).
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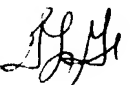
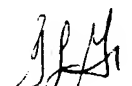
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	AR	18	Messerle, M., et al., "Cloning and mutagenesis of a herpesvirus genome as an infectious bacterial artificial chromosome," Proc. Natl. Acad. Sci. USA 94:14759-14763, National Academy of Sciences (1997).
	AS	18	Monaco, A.P. and Larin, Z., "YACs, BACs, PACs and MACs: artificial chromosomes as research tools," Trends Biotech. 12:280-286, Elsevier Science Ltd. (1994).
	AT	18	Morrison, P.F., et al., "High-flow microinfusion: tissue penetration and pharmacodynamics," Am. J. Physiol. 266:R292-R305, American Physiological Society (1994).

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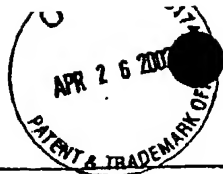
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
<i>SLH</i>	AR	19	Nakanishi, M., "Gene Introduction Into Animal Tissues," Crit. Rev. Ther. Drug Carr. Sys. 12:263-310, Begell House, Inc. (1995).
<i>SLH</i>	AS	19	Nefedov, M., et al., "Insertion of disease-causing mutations in BACs by homologous recombination in <i>Escherichia coli</i> ," Nucl. Acids Res. 28:e791-e791v, Oxford University Press (September 2000).
<i>SLH</i>	AT	19	Osoegawa, K., et al., "Bacterial Artificial Chromosome Libraries for Mouse Sequencing and Functional Analysis," Genome Res. 10:116-128, Cold Spring Laboratory Press (January 2000).

EXAMINER <i>Sara L. Garney</i>	DATE CONSIDERED <i>8/24/04</i>
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	AO				Yes No
	AP				Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)					
	AR	20	Pellegrino, L.J. and Cushman, A.J., "Chapter 3. Use of the Stereotaxic Technique," in: <i>Methods in Psychobiology</i> , Myers, R.D., ed., Academic Press, New York, New York, pp. 67-90 (1990).		
	AS	20	Peterson, K.R., et al., "Use of yeast artificial chromosomes (YACs) for studying control of gene expression: Correct regulation of the genes of a human $\beta$ -globin locus YAC following transfer to mouse erythroleukemia cell lines," <i>Proc. Natl. Acad. Sci. USA</i> 90:11207-11211, National Academy of Sciences (1993).		
	AT	20	Preston, C.M., "Control of herpes Simplex Virus Type 1 mRNA Synthesis in Cells Infected with Wild-Type Virus or the Temperature-Sensitive Mutant <i>tsK</i> ," <i>J. Virol.</i> 29:275-284, American Society for Microbiology (1979).		
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	21	Robbins, P.D., et al., "Viral vectors for gene therapy," Trends Biotechnol. 16:35-40, Elsevier Trends Journals (1998).
	AS	21	Roder, J. and Hickey, W.P., "Mouse models, immunology, multiple sclerosis and myelination," Nat. Genet. 12:6-8, Nature Publishing Co. (1996).
	AT	21	Rossant, J. and Nagy, A., "Genome engineering: the new mouse genetics," Nat. Med. 1:592-594, Nature Publishing Co. (1995).

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Sara L. Harvey

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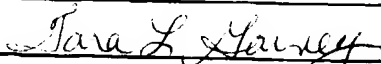
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	AR	22	Saeki, Y., et al., "Herpes Simplex Virus Type 1 DNA Amplified as Bacterial Artificial Chromosome in <i>Escherichia coli</i> : Rescue of Replication-Competent Virus Progeny and Packaging of Amplicon Vectors," <i>Hum. Gen. Ther.</i> 9:2787-2794, Mary Ann Liebert, Inc. (1998).
	AS	22	Saeki, Y., et al., "Improved Helper Virus-Free Packaging System for HSV Amplicon Vectors Using an ICP27 Deleted, Oversized HSV-1 DNA in a Bacterial Artificial Chromosome," <i>Mol. Ther.</i> 3:591-601, Academic Press, Inc. (April 2001).
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	AR	23	Schiedner, G., et al., "Genomic DNA transfer with a high-capacity adenovirus vector results in improved in vivo gene expression and decreased toxicity," Nat. Genet. 18:180-183 Nature Publishing Co. (1998).
	AS	23	Sena-Esteves, M., et al., "HSV-1 Amplicon Vectors- Simplicity and Versatility," Mol. Ther. 2:9-15, Academic Press, Inc. (July 2000).
	AT	23	Shaughnessy, E., et al., "Parvoviral Vectors for the Gene Therapy of Cancer," Semin. Oncol. 23:159-171, W.B. Saunders Co. (1996).

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	AR	24	Shizuya, H., et al., "Cloning and stable maintenance of 300-kilobase-pair fragments of human DNA in <i>Escherichia coli</i> using an F-factor-based vector," <i>Proc. Natl. Acad. Sci. USA</i> 89:8794-8797, National Academy of Sciences (1992).
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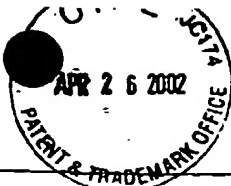
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	AN						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	25	Smith, G.A. and Enquist, L.W., "A self-recombining bacterial artificial chromosome and its application for analysis of herpesvirus pathogenesis," Proc. Natl. Acad. Sci. USA 97:4873-4878, National Academy of Sciences (April 2000).
	AS	25	Spaete, R.R. and Frenkel, N., "The Herpes Simplex Virus Amplicon: A New Eucaryotic Defective-Virus Cloning-Amplifying Vector," Cell 30:295-304, Massachusetts Institute of Technology (1982).
	AT	25	Spaete, R.R. and Frenkel, N., "The herpes simplex virus amplicon: Analyses of cis-acting replication functions," Proc. Natl. Acad. Sci. USA 82:694-698, National Academy of Sciences (1985).

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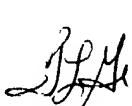

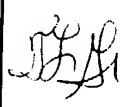
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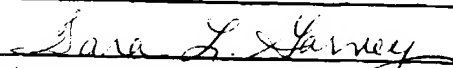
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	26	Sternberg, N., "Bacteriophage P1 cloning system for the isolation, amplification, and recovery of DNA fragments as large as 100 kilobase pairs," <i>Proc. Natl. Acad. Sci. USA</i> 87:103-107, National Academy of Sciences (1990).
	AS	26	Sun, T.-Q., et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," <i>Nat. Genet.</i> 8:33-41, Nature Publishing Co. (1994).
	AT	26	Sun, T.-Q., et al., "Engineering a mini-herpesvirus as a general strategy to transduce up to 180 kb of functional self-replicating human mini-chromosomes," <i>Gene Ther.</i> 3:1081-1088, Stockton Press (1996).

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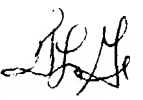
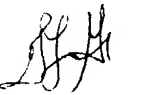
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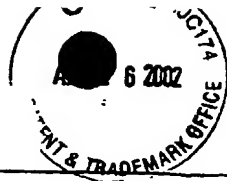
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	27	Vos, J.-M.H., "The simplicity of complex MACs," Nat. Biotechnol. 15:1257-1259, Nature Publishing Co. (1997).
	AS	27	Vos, J.-M.H., "Mammalian artificial chromosomes as tools for gene therapy," Curr. Opin. Genet. Dev. 8:351-359, Current Biology Ltd. (1998).
	AT	27	Wade-Martins, R., et al., "Long-term stability of large insert genomic DNA episomal shuttle vectors in human cells," Nucl. Acids Res. 27:1674-1682, Oxford University Press (1999).

EXAMINER <i>Sara L. Garvey</i>	DATE CONSIDERED <i>8/24/04</i>
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## INFORMATION DISCLOSURE STATEMENT

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	AN						Yes No
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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	28	Wade-Martins, R., et al., "Stable correction of a genetic deficiency in human cells by an episome carrying a 115 kb genomic transgene," Nat. Biotechnol. 18:1311-1314, Nature Publishing Co. (December 2000).
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	AT	28	Wang, M., et al., "Human Artificial Episomal Chromosomes (HAECs) for Building Large Genomic Libraries," in: Human Genome Program, U.S. Department of Energy, Human Genome Program Report, Part 2, 1996 Research Abstracts, Human Genome Management Information System, Oak Ridge National Laboratory, Oak Ridge, Tennessee, p. 30 (1997).

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	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	29	Wang, S. and Vos, J.-M., "A Hybrid Herpesvirus Infectious Vector Based on Epstein-Barr Virus and Herpes Simplex Virus Type 1 for Gene Transfer into Human Cells In Vitro and In Vivo," <i>J. Virol.</i> 70:8422-8430, American Society for Microbiology (1996).
	AS	29	Wang, S., et al., "A novel herpesvirus amplicon system for in vivo gene delivery," <i>Gene Ther.</i> 4:1132-1141, Stockton Press (1997).
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	30	Watson, J.D., et al., "Working toward Human Gene Therapy," in: Recombinant DNA, 2nd Ed. Chapter 28, Watson, J.D., et al., eds. Scientific American Books, New York, New York, pp. 567-581 (1992).
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	AT	30	Wilson, J.M., "Vectors- shuttle vehicles for gene therapy," Clin. Exp. Immunol. 107(Suppl. 1):31-32, Blackwell Science Ltd. (1997).

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Sarah L. Harvey

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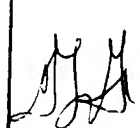
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	AN						Yes No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	31	Wohlgermuth, J.G., et al., "Long-term gene expression from autonomously replicating vectors in mammalian cells," Gene Ther. 3:503-512, Stockton Press (1996).
	AS	31	Wolf, H., et al., "Epstein-Barr Virus and Its Interaction with the Host," Intervirology 35:26-39, S. Karger (1993).
	AT	31	Yang, Y., et al., "Cellular and Humoral Immune Responses to Viral Antigens Create Barriers to Lung-Directed Gene Therapy with Recombinant Adenoviruses," J. Virol. 69:2004-2015, American Society for Microbiology (1995).

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Dana L. Garvey

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	32	Yang, X.W., et al., "Homologous recombination based modification in Escherichia coli and germline transmission in transgenic mice of a bacterial artificial chromosome," Nat. Biotechnol. 15:859-865, Nature Publishing Co. (1997).
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	AT	32	Yates, J.L., et al., "Stable replication of plasmids derived from Epstein-Barr virus in various mammalian cells," Nature 313:812-815, Macmillan Journals Ltd. (1985).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	33	Yee, J.K., et al., "Epitope insertion into the human hypoxanthine phosphoribosyltransferase protein and detection of the mutant protein by an anti-peptide antibody," <i>Gene</i> 53:97-104, Elsevier Science B.V. (1987).
	AS	33	Zhang, J. and Russell, S.J., "Vectors for cancer gene therapy," <i>Canc. Metast. Rev.</i> 15:385-401, Kluwer Academic Publishers (1996).
	AT	33	Zhang, Y., et al., "A new logic for DNA engineering using recombination in <i>Escherichia coli</i> ," <i>Nat. Genet.</i> 20:123-128, Nature Publishing Co. (1998).

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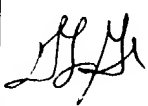
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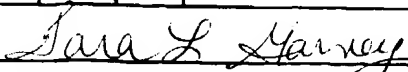
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	34	Zhang, Y., et al., "DNA cloning by homologous recombination in <i>Escherichia coli</i> ," Nat. Biotechnol. 18:1314-1317, Nature Publishing Co. (December 2000).
	AS	34	Ziauddin, J. and Sabatini, D.M. "Microarrays of cells expressing defined cDNAs Nature 411:107-110, Nature Publishing Co. (May 2001).
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FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY.' DOCKET NO.  
0609.5050005/JAG/KRM/FRC

APPLICATION NO.  
10/035,216

APPLICANT  
CHIOCCA *et al.*

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U.S. PATENT DOCUMENTS

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	AR	<u>34</u>	
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<i>LLH</i>	AT	<u>34</u>	Stavropoulos, T.A. and Strathdee, C.A., "An Enhanced Packaging System for Helper-Dependent Herpes Simplex Virus Vectors," <i>J. Virol.</i> 72:7137-7143, American Society for Microbiology (1998).

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*Sara L. Gurney*

DATE CONSIDERED

*8/23/04*

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FORM PTO-1449		ATTY. DOCKET NO. 0609.5050005/JAG/KRM/FRC		APPLICATION NO. 10/035,216	
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT CHIOCCA <i>et al.</i>		GROUP 1633	
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AN						Yes No	
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	AR	35	<del>Suter, M., et al., "BAC-VAC, a novel generation of (DNA) vaccines: A bacterial artificial chromosome (BAC) containing a replication-competent, packaging-defective virus genome induces protective immunity against herpes simplex virus 1," <i>Proc. Natl. Acad. Sci. USA</i> 96:12697-12702; The National Academy of Sciences (1999)</del>
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